SONY

3-810-698-11 (1)

WALKMAN

Radio Cassette Player

WM-FX121/FX321/FX323/FX325

Operating Instructions

WALKMAN is a registered trademark of Sony Corporation.

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Printed in Malaysia

OWNER'S RECORD

The model number is located at the rear and the serial number is located inside the cassette holder. Record the these numbers in the spaces provided below. Refer to them whenever you call upon your Sony dealer regarding this product.

Model No. _____

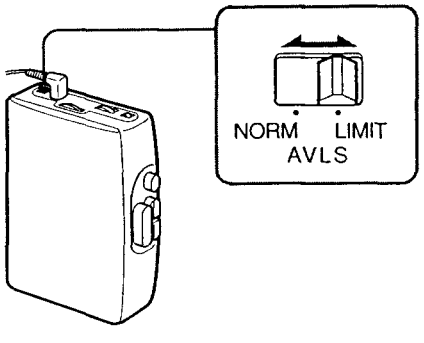
Serial No. _____

Featuring

AVLS (Automatic Volume Limiter System)

The AVLS switch allows you to limit the maximum volume of your Walkman personal stereo without degrading the sound quality.

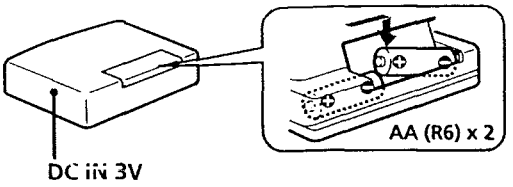
- When the AVLS switch is set to LIMIT (around 85 dB), the volume will be kept at a moderate level without the degradation of the sound quality, even if you attempt to turn the volume up higher.
- When the AVLS switch is set to LIMIT, the playback sound may be distorted or unstable according to the music (especially the bass boosted part). If this happens, turn down the volume.
- When the AVLS switch is set to NORM, you will be able to enjoy the full volume capability of your Walkman personal stereo.



Getting Started

Using with Batteries

Insert two AA (R6) batteries in correct polarity.



Notes

- When you are not going to use your Walkman for a long time, remove the batteries to prevent damage from battery leakage and corrosion.
- When the sound becomes unstable or cannot be heard, replace the old batteries with new ones.

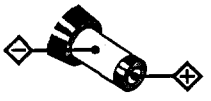
Using External Power Sources

You can connect the following external power sources through the DC IN 3 V jack located on the bottom. (When you plug a cord into the DC IN 3 V jack, the internal batteries are automatically bypassed.)

- House current using an AC-E30HG AC power adaptor
- 12 V car battery using a DCC-E130L/E230 car battery cord

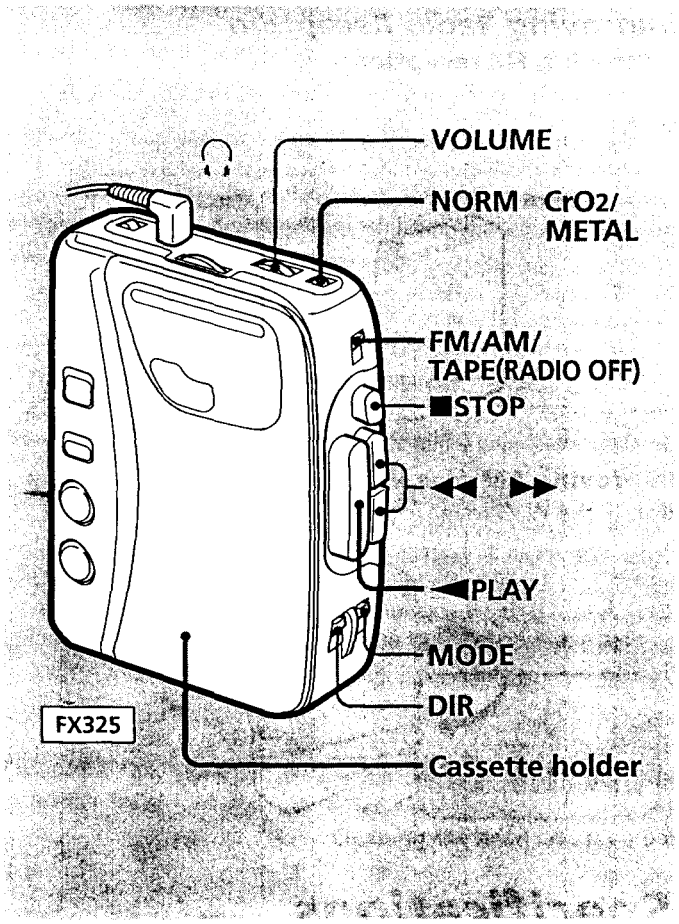
Note

Use only the recommended AC-E30HG AC power adaptor (not supplied). Do not use any other AC power adaptor.

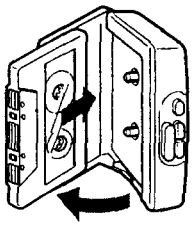


Polarity of the plug

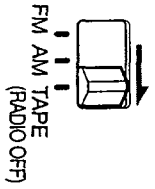
Playing Cassettes



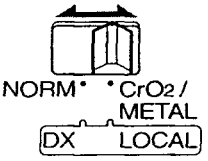
1 **Insert a cassette.**



2 **Set the FM/AM/TAPE (RADIO OFF) selector to TAPE (RADIO OFF).**



3 **Select NORM or CrO2/ METAL mode to match the tape type.**



4 **Press ◀ PLAY.**

Operating the Cassette Player

To wind the tape	Press ◀◀ or ▶▶.
To change sides*	Set the DIR switch.
To play both sides once*	Set MODE to ⇄.
To play both sides repeatedly*	Set MODE to ⟲.
To adjust the volume	Turn the VOLUME control.
To stop	Press ■ STOP.

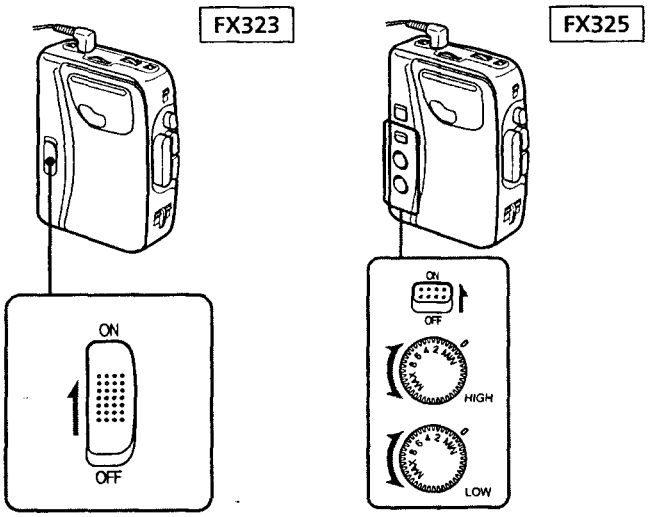
* except for FX121

Notes on playing cassettes

- Do not use cassettes longer than 90 minutes except for long continuous playback.
- If the tape is playing but no sound comes out, the batteries may be weak. Replace all batteries with new ones.
- If your Walkman has not been used for a long time, run the Walkman for a few minutes before inserting a cassette.
- Do not wind the headphones cord around the Walkman. The buttons may be kept pressed, causing unnecessary battery usage.
- Do not open the cassette holder while the tape is running.

Using MEGA BASS (FX323/FX325)

Set the MEGA BASS switch to ON to produce deep and powerful sound. Turn the HIGH and LOW controls to get the desired tone (FX325).

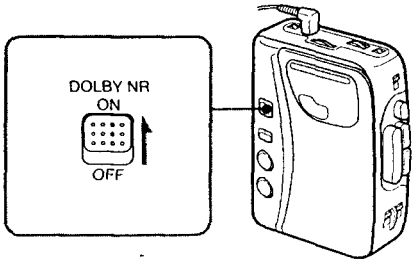


When using MEGA BASS

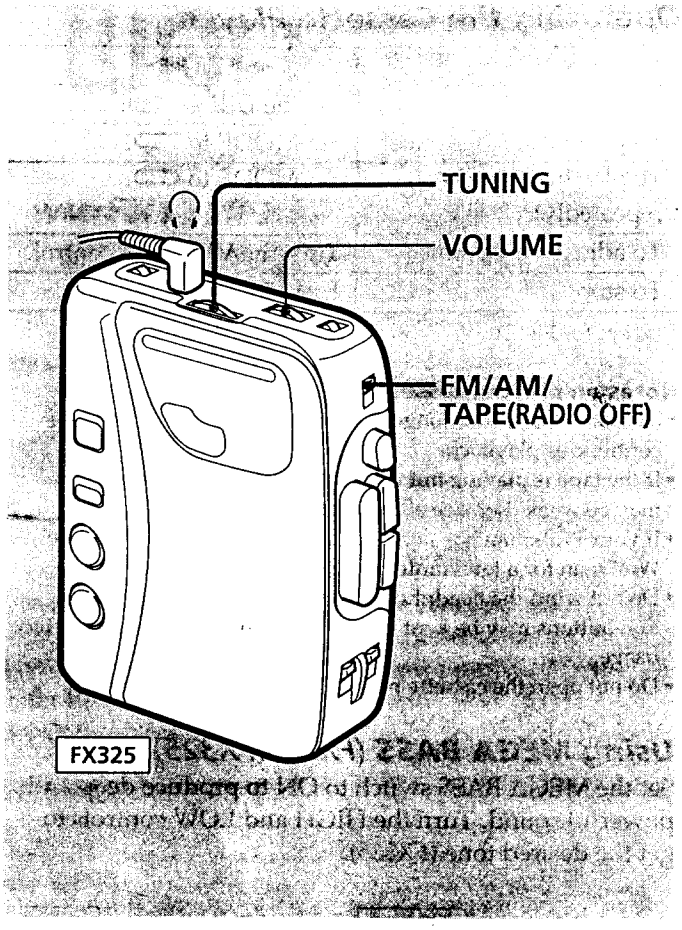
If the AVLS switch is set to LIMIT, the MEGA BASS effect is reduced.

Using DOLBY NR (FX325)

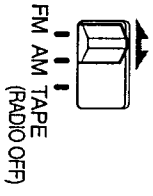
Set the DOLBY NR switch to ON to play Dolby NR processed tapes.



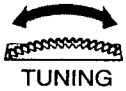
Listening to the Radio



1 **Set the FM/AM/TAPE (RADIO OFF) selector to AM or FM.**



2 **Tune in the desired station.**



To adjust the volume	Turn the VOLUME control.
To tune off	Set the FM/AM/TAPE selector to TAPE (RADIO OFF).

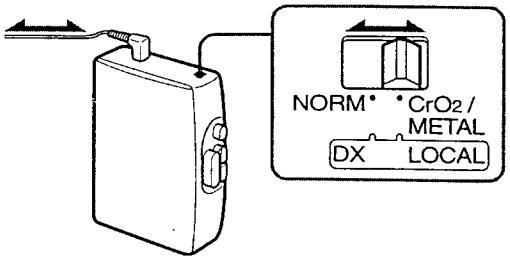
Note

If you have inserted a cassette with a metallic shell or label and radio reception interference occurs, remove the cassette.

Improving Radio Reception

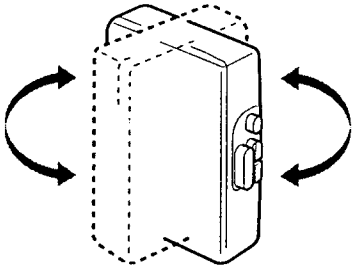
Improving FM reception

Extend the headphones cord or adjust the DX/LOCAL switch.



Improving AM reception

Rotate the Walkman.



Specifications

Radio Frequency

FM: 87.6 – 108 MHz
AM: 530 – 1,710 kHz

Power Requirements

3 V DC Batteries AA (R6) x 2
External DC 3 V power sources

Battery Life

(approximate hours when using the batteries specified below)

Battery	Playback	Radio
Sony Alkaline LR6 (SG)	13 hours	30 hours
Sony R6P (SR)	4 hours	15 hours

Dimensions

118.8 x 89.5 x 34.1 mm (4 ¾ x 3 ⅝ x 1 ⅜ in.)
(w/h/d) incl. projecting parts

Mass FX121: 200g (7.1 oz) incl. batteries
FX321/323: 205g (7.3 oz) incl. batteries
FX325: 215g (7.6 oz) incl. batteries

Supplied Accessories

- Stereo headphones (1)
- Belt clip (1)

Optional Accessories

- AC power adaptor AC-E30HG
- Car battery cord DCC-E130L, DCC-E230

Your dealer may not handle some of the above listed accessories. Please ask the dealer for detailed information.

Design and specifications are subject to change without notice.

Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation.
"DOLBY" and the double-D symbol DD are trademarks of Dolby Laboratories Licensing Corporation.

Precautions

Notes on Headphones

Concerning road safety

Do not use headphones while driving, cycling, or operating any motorized vehicle. It may create a traffic hazard and is illegal in many areas. It can also be potentially dangerous to play your headsets at high volume while walking, especially at pedestrian crossings. You should exercise extreme caution or discontinue use in potentially hazardous situations.

Preventing hearing damage

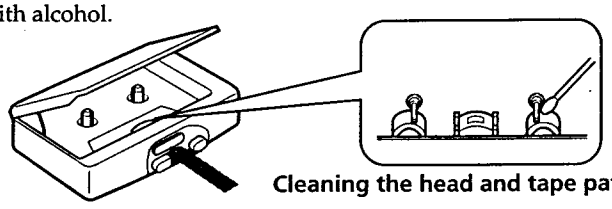
Do not use headphones at high volume. Hearing experts advise against continuous, loud and extended play. If you experience a ringing in your ears, reduce volume or discontinue use.

Caring for others

Keep the volume at a moderate level. This will allow you to hear outside sounds and to be considerate to the people around you.

Taking Care of Your Walkman

- Do not expose the Walkman to extreme temperatures, direct sunlight, moisture, sand, dust or mechanical shock. Never leave the Walkman in a car parked in the sun.
- Prolonged use may contaminate the tape head. If sound drop-out or excessive noise occurs, clean the head and tape path with alcohol.



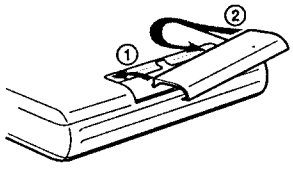
Cleaning the head and tape path

FX321/FX323/FX325

- Clean the headphones plug periodically for optimum sound.
- Do not use alcohol, benzine or thinner to clean the case.

About the Battery Compartment Lid

If the battery compartment lid is detached by an accidental drop, excessive force, etc., attach it as illustrated in the numbered order.

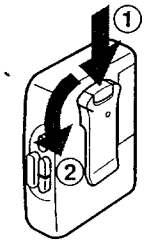


If you have any question or problem concerning your Walkman, please consult your nearest Sony dealer.

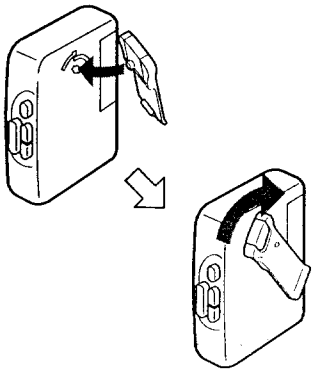
Using the Belt Clip

With the supplied belt clip, you can wear your Walkman on a belt for convenient use.

Removing the belt clip



Attaching the belt clip



SONY

Tape Cassette Player/Recorder/CD Player/Mini Disc
DAT/Radio/Head Phone/Speaker/MIC/Personals

Portable Audio

LIMITED WARRANTY

SONY ELECTRONICS INC. ("SONY") warrants this Product (including any accessories) against defects in material or workmanship as follows:

1. LABOR: For a period of 90 days from the date of purchase, if this Product is determined to be defective, Sony will repair the Product at no charge, or pay the labor charges to any SONY authorized service facility. After the Warranty Period, you must pay for all labor charges.

2. PARTS: In addition, SONY will supply, at no charge, new or rebuilt replacements in exchange for defective parts for a period of one (1) year. After 90 days from the date of purchase, labor for removal and installation is available from SONY authorized service facilities or a Sony Service Center at your expense.

To obtain warranty service, you must take the Product, or deliver the Product freight prepaid, in either its original packaging or packaging affording an equal degree of protection, to any authorized SONY service facility.

This warranty does not cover customer instruction, installation, set up adjustments or signal reception problems.

This warranty does not cover cosmetic damage or damage due to acts of God, accident, misuse, abuse, negligence, commercial use, or modification of, or to any part of the Product, including the antenna. This warranty does not cover damage due to improper operation or maintenance, connection to improper voltage supply, or attempted repair by anyone other than a facility authorized by Sony to service the Product. This warranty does not cover Products sold AS IS or WITH ALL FAULTS, or consumables (such as fuses or batteries). This warranty is valid only in the United States.

Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the unit is within the Warranty period must be presented to obtain warranty service.

This warranty is invalid if the factory applied serial number has been altered or removed from the Product.

REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. SONY SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. In addition, if you enter into a service contract with the Sony Partnership within 90 days of the date of sale, the limitation on how long an implied warranty lasts does not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

For your convenience, SONY ELECTRONICS INC. has established telephone numbers for frequently asked questions:

To locate the servicer or dealer nearest you, call:

1-(800)-342-5721

For service assistance or resolution of a service problem, call:

SONY CUSTOMER RELATIONS CENTER
1-(800)-282-2848

For Product information or operation, call:

SONY CUSTOMER INFORMATION CENTER
(201)-368-9272
or write to:
Sony Customer Information Center
One Sony Drive
Park Ridge, New Jersey 07656-8003

For an accessory or part not available from your authorized dealer, call:

1-(800)-488-SONY (7669)